

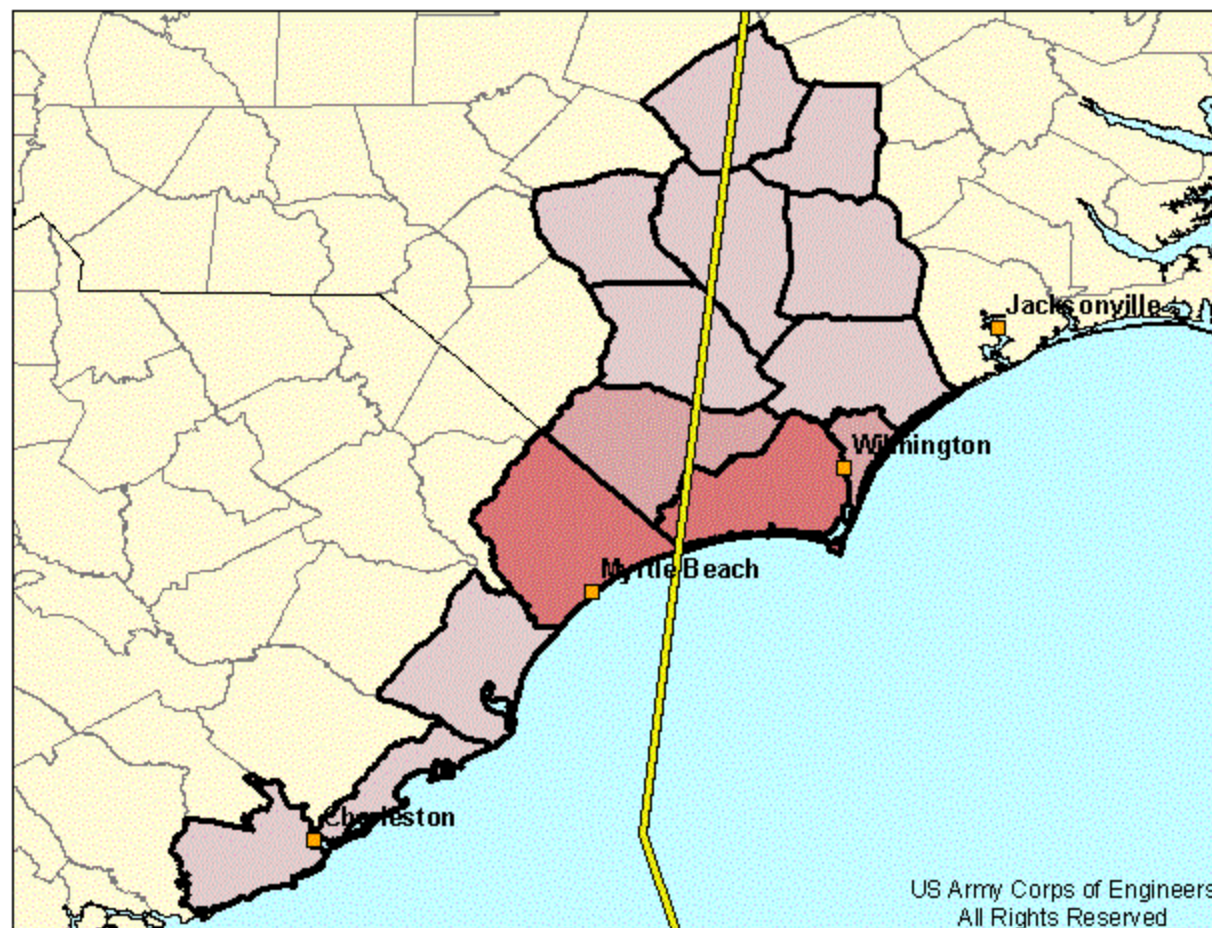


US Army Corps
of Engineers

Hurricane Hazel 1954 Debris Model

Landfall Plus About **12** Hours

**For Planning
Purposes Only!**



0 100 200 Miles

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Post Landfall Debris Model Results

North Carolina - 681,000 Yards
South Carolina - 439,000 Yards

*Model results per County on
following page*

This model is based on a
Category 1 storm making landfall
near Wilmington, NC.

Historic Track

Debris

- < 100,000 cubic yards
- 100,000 - 249,999 cubic yards
- 250,000 - 499,999 cubic yards
- 500,000 - 999,999 cubic yards
- >1,000,000 cubic yards

Information provided on this page displays a Category 1 storm making landfall near Wilmington, NC. These projections are based on information from the NHC (0930 EDT 05/15/2008) forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at <http://www.enlink.usace.army.mil>
or contact Louisville District staff at DL-CELRL-GIS@usace.army.mil

Hurricane Hazel 1954 Debris Model

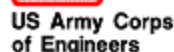
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Page 1 of 12



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The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

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Page 2 of 12



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Hurricane Hazel 1954 Commodities Model

Landfall Plus About **12** Hours

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Historic Track

Commodities

- < 5 Trucks Each
- 5 - 10 Trucks Each
- 11 - 20 Trucks Each
- 21 - 40 Trucks Each
- > 40 Trucks Each

Post Landfall Water Model Results

Day One / Day Two / Day Three

NC – 2/3/6 Truckloads

SC – 1/2/3 Truckloads

*Model results per County on
following page*

This model is based on a
Category 1 storm making landfall
near Wilmington, NC.

Information provided on this page displays a Category 1 storm making landfall near Wilmington, NC. These projections are based on information from the NHC (0930 EDT 05/15/2008) forecast. The amount of commodities forecasted is based on Mission Guide Book requirements and SME input. The graphic represents single day needs with full distribution system in place and operating.

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Hurricane Hazel 1954 Commodities Model

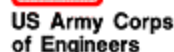
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Page 3 of 12



Landfall Plus About 12 Hours

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Hurricane Hazel 1954 Temporary Roofing Model

Landfall Plus About **12** Hours

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Historic Track

Temporary Roofing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Post Landfall Temporary Roofing Model Results

North Carolina - 1,000
South Carolina - 500

*Model results per County on
following page*

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Category 1 storm making landfall
near Wilmington, NC.

Information provided on this page displays a Category 1 storm making landfall near Wilmington, NC. These projections are based on information from the NHC (0930 EDT 05/15/2008) forecast. Temporary roofing is based on 3% in CAT 1.

Details about this model may be obtained at <http://www.enlink.usace.army.mil>
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Hurricane Hazel 1954 Roofing Model

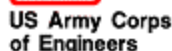
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Page 5 of 12



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Temporary roofing is based on 3% in CAT 1.

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Hurricane Hazel 1954
Roofing Model

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Page 6 of 12



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Hurricane Hazel 1954 Temporary Housing Model

Landfall Plus About **12** Hours

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Post Landfall Temporary Housing Model Results

*Model results per County on
following page*

This model is based on a
Category 1 storm making landfall
near Wilmington, NC.

Historic Track

Temporary Housing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 1 storm making landfall near Wilmington, NC. These projections are based on information from the NHC (0930 EDT 05/15/2008) forecast. Temporary housing is based on nothing.

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Hurricane Hazel 1954 Housing Model

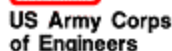
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Page 7 of 12



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Temporary housing is based on nothing.

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Hurricane Hazel 1954
Housing Model

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Page 8 of 12



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Hurricane Hazel 1954 Population Model

Landfall Plus About **12** Hours

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Post Landfall Population Model Results

North Carolina - 77,000
South Carolina - 36,000

*Model results per County on
following page*

This model is based on a
Category 1 storm making landfall
near Wilmington, NC.

Historic Track

Population

- < 25,000 persons
- 25,000 - 99,999 persons
- 100,000 - 174,999 persons
- 175,000 - 249,999 persons
- > 250,000 persons

Information provided on this page displays a Category 1 storm making landfall near Wilmington, NC. These projections are based on information from the NHC (0930 EDT 05/15/2008) forecast. The numbers of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2006 values).

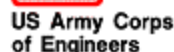
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Hurricane Hazel 1954 Population Model

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Page 9 of 12



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Page 10 of 12

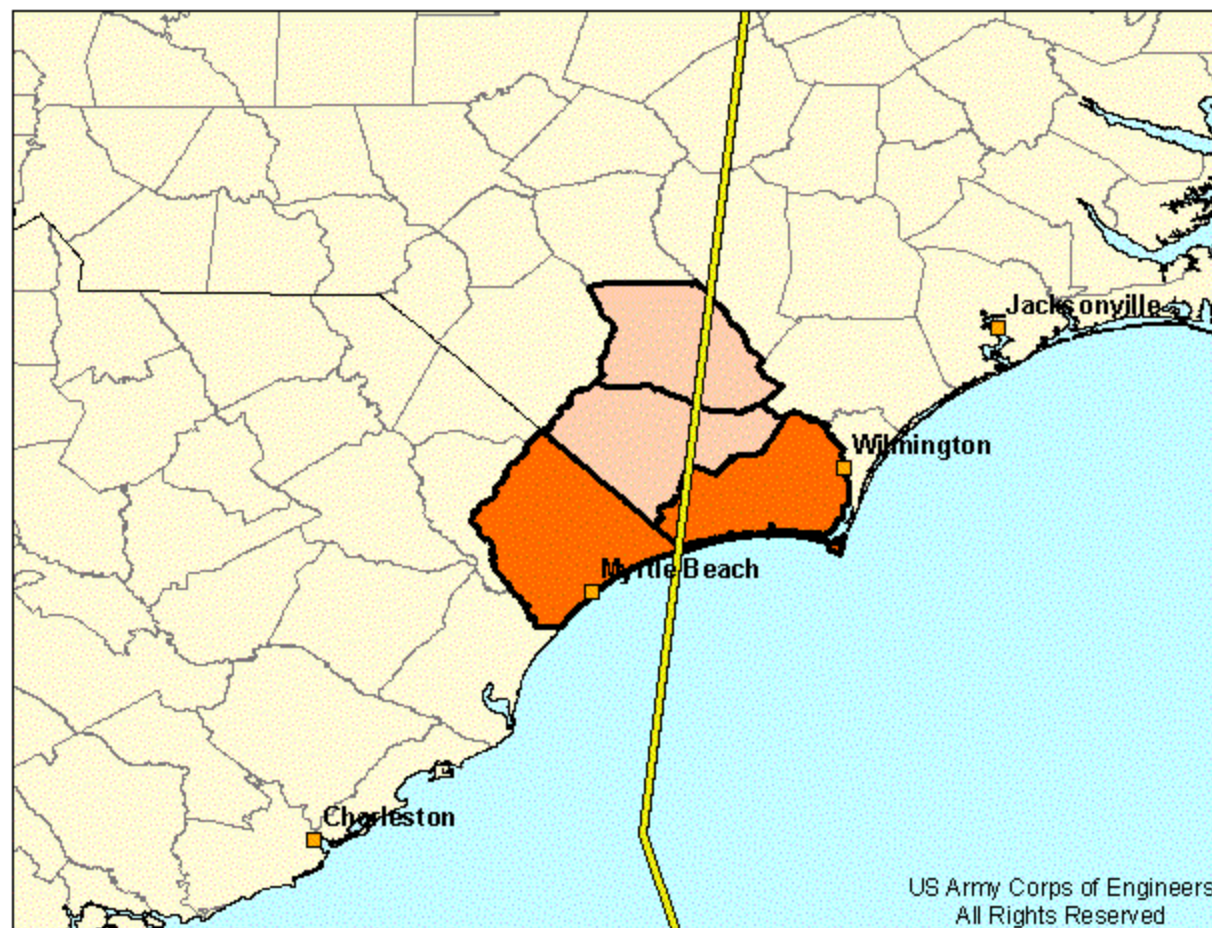


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Hurricane Hazel 1954 Households Model

Landfall Plus About **12** Hours

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Post Landfall Households Model Results

North Carolina - 33,000
South Carolina - 17,000

*Model results per County on
following page*

This model is based on a
Category 1 storm making landfall
near Wilmington, NC.

Historic Track

Households

- < 7,500 households
- 7,500 - 14,999 households
- 15,000 - 24,999 households
- 25,000 - 49,999 households
- > 50,000 households

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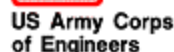
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Hurricane Hazel 1954 Households Model

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Page 11 of 12



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Page 12 of 12